

Side-by-side

1. Define the weight vector  $W_j = \frac{2j - N - 1}{N - 1}$
2. Calculate the scores vector  $S_i^{(t)} = \sum_j D_{ij}^{(t)} W_j$
3. Sort the scores  $\{k\} = \text{index sort}(\{S_i\})$

4. Reorder the distance matrix  $D^{(t+1)} = D^{(t)}(\{k\}, \{k\})$

5. Repeat steps 2-4 until  $D^{(t+1)}$  is equal to  $D^{(t)}$

Results of Side-by-side Algorithm

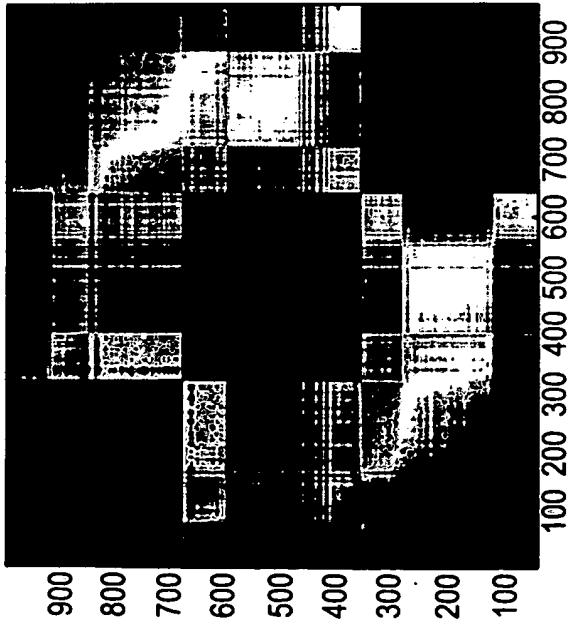


Fig. 5

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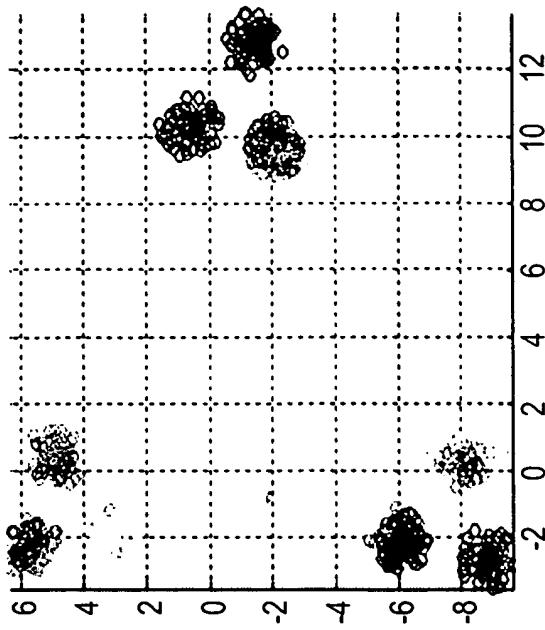


Fig. 6

